

CLAIMS

1. A thermoplastic resin composition comprising:

(A) a styrene resin;

(B) a propylene resin; and

(C) a hydrogenated block copolymer comprising at least two polystyrene blocks X and at least one polybutadiene block Y, with at least 70 % of the double bonds of the polybutadiene of the polybutadiene block Y having been hydrogenated,

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B1/ wherein the hydrogenated block copolymer (C) has a styrene content of 40 to 80 wt.%, a 1,2-bound content of the polybutadiene block Y is 30 to 80 wt.%, a weight ratio of the component (A) to the component (B) is 95:5 to 5:95, a content of the component (C) is 2 to 30 parts by weight based on 100 parts by weight of the components (A) and (B), and at least 50% of the component (C) exists at the interface between a phase of the component (A) and a phase of the component (B).

2. The thermoplastic resin composition according to claim 1, wherein in the component (C), the polystyrene block X has a molecular weight of 5000 to 50000, and the polybutadiene block Y has a molecular weight of 5000 to 70000.

3. The thermoplastic resin composition according to claim 1, wherein a weight ratio of the component (A) to the component (B) is 80:20 to 40:60.

4. The thermoplastic resin composition according to claim 2, wherein a weight ratio of the component (A) to the component (B) is 80:20 to 40:60.

5. The thermoplastic resin composition according to claim 1, wherein the component (C) is a triblock copolymer having an X-Y-X structure.

6. The thermoplastic resin composition according to claim 5, wherein the styrene content of the component (C) is exceeding 50 wt.% but not greater than 80 wt.%.

7. The thermoplastic resin composition according to claim 1, wherein the component (C) is a block copolymer having an X-Y-X-Y structure or Y-X-Y-X-Y structure.

8. The thermoplastic resin composition according to claim 7, wherein the 1,2-bound content of the polybutadiene block Y of the component (C) is at least 30 wt.% but less than 60 wt.%, and the styrene content of

the component (C) is exceeding 50 wt.% but not greater than 80 wt.%.

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